

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	reciever with using with ((stop \$1band or stopband or notch) near2 filter) with interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/04 20:36
L2	10	receiver with using with ((stop \$1band or stopband or notch) near2 filter) with interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/04 20:37
L3	10	2 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/04 20:37
L4	0	3 and (process\$3 with control with ((notch\$3 or stopband or stop\$1band) near2 filter) with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/04 20:38
L5	0	3 and (process\$3 with control\$4 with ((notch\$3 or stopband or stop\$1band) near2 filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/04 20:38
S1	946	dmt and (guard interval or cyclic prefix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:41
S2	16	S1 and (mai or multiple access interference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:41

S3	0	S2 and ((guard interval or cyclic prefix) with (mai or multiple access interference))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:43
S4	0	S2 and ((guard interval or cyclic prefix) same (mai or multiple access interference))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:44
S5	42	dmt and ((guard interval or cyclic prefix) near3 remover)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:44
S6	42	S1 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:44
S7	0	transmitter and ((notch\$3 near2 filter near2 adaptive) same antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:48
S8	12	transmitter and ((notch\$3 near2 filter near2 adjust\$4) same antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 14:48
S9	28	((notch\$3 near2 filter near2 adjust\$4) same antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:04
S10	16	S9 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:05
S11	1	10/700310 and (stopband or stop?band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:34

S12	1	S11 and ((stopband or stop? band) near3 (plurality or multiple))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:34
S13	0	bandpass filter with adjust\$4 with stopband with center frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:38
S14	6	bandpass filter with adjust\$4 with stopband	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:39
S15	229	bandpass filter with stopband	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/24 15:43
S16	4	(time near2 division ) with interleaver with (demux or demultiplexer or de?multiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:00
S17	1589	(time near2 division ) with (demux or demultiplexer or de? multiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:01
S18	1585	S17 not S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:01
S19	1406	S18 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:02
S20	264	S19 and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:02

S21	257	S20 and transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:02
S22	223	S21 not diab.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:03
S23	26	(time near2 division ) with (deserializ\$5 or de?serializ\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:15
S24	2	10/791175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:23
S25	0	controller with detect\$3 with interference with tun\$3 with (null or notch\$3) with frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:41
S26	2	controller with detect\$3 with interference with (null or notch \$3) with frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 07:42
S27	4	(deserializ\$3 with analog with carrier with signal) and (multicarrier or ofdm or dmt or multi?carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 08:44
S28	5	(deserializ\$3 with carrier with signal) and (multicarrier or ofdm or dmt or multi?carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 08:52
S29	1	S28 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 08:52

S30	259	combiner with bypass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 08:58
S31	7	S30 and (multicarrier or ofdm or dmt or multi?carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 08:58
S32	7	S31 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 08:58
S33	1	10/700310 and bypass\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 09:31
S34	2	interleaver with ((time near2 division ) near2 (demux or demultiplexer or de? multiplexer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 10:14
S35	14	interleav\$3 with ((time near2 division ) near2 (demux or demultiplexer or de? multiplexer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 10:15
S36	140	transmitter same (((stopband or notch\$3 or (stop?band)) near2 filter) with (adjust\$4 or tun\$4 or select\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 10:52
S37	8	S36 and (multicarrier or ofdm or dmt or multi?carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 10:53
S38	0	S37 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 10:54

S39	99	S36 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 10:54
S40	2	"6115368".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 11:03
S41	3	(time division demultiplexer) with (advantage or benefit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 11:56
S42	0	(time division de?multiplexer) with (advantage or benefit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 11:58
S43	0	(time division demux) with (advantage or benefit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 11:58
S44	5	(time division near2 demultiplexer) with (advantage or benefit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 11:58
S45	204	bypass with combiner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:46
S46	92	bypass\$3 with combiner with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:46
S47	1	S46 and reciever	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:47

S48	1	S47 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:47
S49	67	S46 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:48
S50	9	S49 and antenna and interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:59
S51	0	antenna with detect\$3 with interference with control with notch filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:02
S52	0	antenna samedetect\$3 with interference with control with notch filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:02
S53	0	antenna same detect\$3 with interference with control with notch filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:03
S54	0	antenna same (detect\$3 with interference with control with notch filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:03
S55	0	antenna same (detect\$3 with control with notch filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:03
S56	0	(detect\$3 with control with notch filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:03

S57	296	(detect\$3 with control with notch filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:03
S58	3	S57 with antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:04
S59	251	S57 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:04
S60	3	S58 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:04
S61	1	10/700310 and decoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 07:14
S62	71	(lee near1 siu).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 13:38
S63	1	10/700310 and (multiband or multi\$1band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 14:05
S64	0	saw with filter with tunable with (multiband or multi\$1band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 14:07
S65	16	saw with filter and (tunable with (multiband or multi\$1band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 14:07



S66	5	((surface acoustic wave or saw) near5 filter) and ((adjustable or tunable) near4 (multiband or multi\$1band) near4 filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 14:12
S67	1	10/700310 and (combiner with mixer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 15:52
S68	1	10/700310 and (combiner same mixer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 16:00
S69	1	10/700310 and (coder same combin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 16:10
S70	75	ofdm with time diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 18:59
S71	37	S70 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 18:59
S72	1	10/700310 and ((distribut\$3 or demax) with decoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 19:06
S73	0	10/700310 and ((time division \$3) with filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 19:31
S74	1	10/700310 and control	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 19:49

S75	1	"6985434".pn. and multiplex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 21:41
S76	830	mimo with cdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:14
S77	4	mimo with cdma with filter with combin\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:14
S78	2	S77 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:15
S79	0	mimo with code division multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:16
S80	0	mimo same code division multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:16
S81	0	multiple with receiv\$3 with antenna with code division multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:17
S82	1	mimo and code division multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:17
S83	0	(multiple near\$3 receiv\$3 near\$3 antenna) with code division multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:18

S84	4	(multiple near3 receiv\$3 near3 antenna) and code division multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/07 22:18
S85	0	separat\$3 with (despread\$3 near2 code) with (multicarrier or multi\$1carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 20:58
S86	1	extract\$3 with (despread\$3 near2 code) with (multicarrier or multi\$1carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 20:58
S87	569	antenna with despread\$3 with code	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 21:10
S88	181	S87 with transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 21:10
S89	126	S87 with (transmit\$4 near3 antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 21:10
S90	93	S89 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 21:11
S91	36	S90 and distribut\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 21:51
S92	31	S90 and (distribut\$4 same (cod\$3 or decod\$3 or despread\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/02 21:53

S96	147	("despread"\$3 near2 code) with separat\$3 with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 22:58
S97	1042	dmt and (guard interval or cyclic prefix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 22:59
S98	20	S97 and (mai or multiple access interference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 22:59
S99	0	S98 and ((guard interval or cyclic prefix) with (mai or multiple access interference))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 22:59
S100	0	S99 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 22:59
S101	93	S96 and (@pd<="20031031" OR @ad<="20031031" OR @rlad<="20031031" OR @prad<="20031031")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 22:59
S102	2	S101 and ofdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 23:05
S103	1	S101 and (((despread\$3 near2 code) with separat\$3 with signal) same2 (multicarrier or multi\$1carrier) signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/03 23:07

### EAST Search History (I nterference)

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